

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (original) A self-adhesive addition-crosslinking silicone composition, comprising

(A) diorganopolysiloxane(s) of the general formula (1)



in which

R¹ is a hydroxyl radical or a monovalent, optionally halogen-substituted C₁₋₂₀ hydrocarbon radical optionally containing O, N, S or P atoms and free of aliphatically unsaturated groups,

R² is a monovalent, aliphatically unsaturated, optionally halogen-substituted C₂₋₁₀ hydrocarbon radical optionally containing O, N, S or P atoms,

b has a value from 0.003 to 2,

with the proviso that 1.5 < (a + b) < 3.0, that on average at least two aliphatically unsaturated radicals R² are present per molecule, and that the viscosity of the diorganopolysiloxane(s) (A), determined at 25°C, is 1 mPa·s to 40,000 Pa·s;

(B) organohydrogenopolysiloxane(s) of the general formula (2)



in which

R³ is a monovalent aliphatically saturated C₁₋₂₀ hydrocarbon radical,

R⁴ is (a) an optionally halogen-substituted monovalent C₆₋₁₅ hydrocarbon radical which contains at least one aromatic C₆-ring, or

(b) a halogen-substituted, saturated monovalent C₂₋₂₀ hydrocarbon radical optionally containing O, N, S or P atoms,

R⁵ is a bivalent, optionally halogen-substituted C₆₋₂₀ hydrocarbon radical Si-bonded at both ends, optionally containing O, N, S or P atoms,

c, d, e and f denote positive numbers, with the proviso that the organohydrogenpolysiloxane (B) contains on average 3 to less than 20 SiH groups per molecule, that the relationship: $0.05 < 100 (d+e)/(c+d+e+f) < 12$ is fulfilled, and that the viscosity of the organohydrogenpolysiloxane (B), determined at 25°C, is 1 mPa·s to 100 Pa·s;

(C) organosilicon compound(s) having epoxy groups and hydrolyzable groups of the general formula (3)



and/or their partial hydrolysis products, in which

R⁷ is a hydrogen radical, a hydroxyl radical or an optionally halogen- or cyano-substituted, saturated monovalent C₁₋₂₀ hydrocarbon radical optionally containing O, N, S or P atoms,

R⁸ is an optionally halogen-substituted monovalent C₂₋₂₀ hydrocarbon radical containing at least one epoxy group, optionally containing O, N, S or P atoms,

R⁹ is a hydrolyzable, monovalent optionally halogen-substituted C₁₋₂₀ hydrocarbon radical bonded to Si via an Si-O-C-, Si-O-N- or Si-N- link, optionally containing O, N, S or P,

with the proviso that $4 > g \geq 0$, $4 > h > 0$, $4 > i > 0$, $4 \geq (h+i) > 0$ and $4 \geq (g+h+i)$; and

(D) a hydrosilylation catalyst.

2. (original) The self-adhesive addition-crosslinking silicone composition of claim 1, wherein the viscosity of the component (B) measured at 25°C, is 2 mPa·s to 1 Pa·s.

3. (original) A process for the preparation of self-adhesive addition-crosslinked silicone elastomers, in which the self-adhesive addition-crosslinking silicone compositions of claim 1 is heated to 30°C to 250°C.

4. (original) A process for the preparation of self-adhesive addition-crosslinked silicone elastomers, in which the self-adhesive addition-crosslinking silicone compositions of claim 2 is heated to 30°C to 250°C.

5. (original) A self-adhesive addition-crosslinked silicone elastomer obtained by the process of claim 3.

6. (cancelled)

7. (original) A process for bonding an addition-crosslinkable silicone composition to a substrate, in which the self-adhesive addition-crosslinkable silicone compositions of claim 1 is applied to the substrate and crosslinked by heating to 30°C to 250°C.

8. (original) A process for bonding an addition-crosslinkable silicone composition to a substrate, in which the self-adhesive addition-crosslinkable silicone compositions of claim 2 is applied to the substrate and crosslinked by heating to 30°C to 250°C.

9. (original) A composite material obtained by the process of claim 7.

10. (original) A composite material obtained by the process of claim 8.